

REMARKS

Claims 1-21 are pending, with claims 1 and 7 being the independent claims. Claims 1, 6, 7, 12, 14-17 and 19-21 have been amended. The specification has been amended. No new matter has been added by way of this amendment. Reconsideration of the Application is respectfully requested.

The Examiner has stated that "an application in which the benefits of an earlier application are desired must obtain a specific reference to the prior application(s) in the first sentence of the specification or in an application data sheet." With respect to this statement, this requirement was met by a Second Preliminary Amendment that was filed on September 12, 2002. Entry of the Second Preliminary Amendment is respectfully requested, and a notice to that effect is earnestly solicited.

The Examiner has objected to the specification. Specifically, the Examiner has stated that SMAP 2 on page 8, line 17 and page 9, line 8 of the specification should be amended in order to match the reference numeral in Fig. 1. In response to this objection, Applicants have amended the specification in the manner required. Accordingly, reconsideration and withdrawal of the objection are respectfully requested.

Claims 1, 2, 4-8, 10-11, 14, 16, 17, 20, 21 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,230,002 ("*Flodén*") in view of U.S. Patent No. 5,915,222 ("*Olsson*"), while claims 3, 9, 13, 15, 18 and 19 stand rejected as being unpatentable over *Flodén* and *Olsson*, and in further view of U.S. Patent No. 6,141,563 ("*Miller*").

Claim 1 has been amended to recite the step of "assigning an access code to a subscriber by which the subscriber is allowed to get access to services or to service management via the Internet; and encapsulating said access code into a data message;" and that "the assigning step and the encapsulating step are performed in a Service Management Access Point." Claim 7 has been amended to recite the limitation "an access granting means for assigning an access code to a

subscriber by which the subscriber is allowed to get access to services or to service management via the Internet ... wherein the services management device is a Service Management Access Point." Support for this amendment may be found at page 5, lines 29 thru page 6, line 2 of the specification. Therefore, no new matter has been added.

Flodén relates to a method and apparatus for performing computations associated with authentication procedures, such as the formation of a password, at a mobile terminal to which the wireless host is connected. According to this reference, the computations need not be performed at the wireless host, or other separate physical entity. As a result, of not performing the computations at the wireless host or other separate physical entity improved authentication security is achieved (see col. 1, lines 9-17).

Olsson relates to a method and apparatus for utilizing Intelligent Network (IN) services associated with either a calling party subscriber or a called party subscriber to communicate unstructured data therebetween within a mobile telecommunications network (see col. 2, lines 17-22).

The Office Action (page 3 thru 4 and page 5) states:

Floden teaches a service management method of managing subscriber services in a Packet Data Network ... Floden fails to fails to teach encapsulating data message and the packet network is Intelligent Network. Olsson teaches encapsulating data message and the packet data network is Intelligent Network (col. 5, lines 25-40). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to provide the teaching of Olsson into the system of Floden in order to provide the necessary IN service to its associated subscribers as suggested by Olsson (col. 5, lines 25-40).

With respect to the foregoing statement, the following is noted. *Flodén* discloses a method for selectively permitting access by a mobile terminal to a packet data network. As determined from the Abstract of *Flodén*, this patent is directed to improving user authentication and avoiding performing computations at a wireless host or other separate physical entity during the authentication. Col. 8, line 61 to col. 9, line 9 of *Flodén* states that an authentication server generates passwords at selected intervals, which are subsequently forwarded to an SMS center 62

(see Fig. 5). SMS messages are generated at the SMS center 62 and transmitted to a mobile terminal. However, *Flodén* fails to teach or suggest that the services are provided via the Internet or that a service management access point (SMAP) is used, as set forth in amended independent claims 1 and 7.

Olsson discloses an SMS communication network for transporting SMS messages within a telecommunication network (see col. 2, lines 17-22). According to *Olsson*, a serving MSC/VLR routes an Integrated Service Digital Network User Part (ISUP) signal encapsulating the unstructured data to the associated Intelligent Network. An associated Service Switching Point (SCP) and Service Control Point (SSP) then provide the desired IN service to the received unstructured data (see Abstract). Col. 5, lines 25-40 of *Olsson* describes this process in detail. Specifically, *Olsson* states "the SCP/SCF 220 is the centralized data base containing subscriber and feature information to providing the necessary IN service to its associated subscribers. As a result, the SCP/SCF 220 determines the appropriate call treatment to be applied towards the received SMS message." (See col. 5, lines 36-37). In other words, the SMS communication network interfaces with the IN. However, *Olsson* also fails to teach or suggest an SMAP and the use of the Internet to obtain access to services or service management, as set forth in amended independent claims 1 and 7. Thus, *Olsson* fails to cure the deficiency *Flodén*. As a result, Applicants respectfully assert that amended independent claims 1 and 7 are patentable over the combination of *Flodén* and *Olsson* and thus, reconsideration and withdrawal of the rejection of amended independent claims 1 and 7 under 35 U.S.C. §103(a) are respectfully requested.

Miller relates to personal communication devices or subscriber units that are used in communication systems and utilize a Subscriber Identification Module (SIM) (see col. 1, lines 5-9). *Miller* fails to cure the deficiency of the system achieved by the combination of *Flodén* and *Olsson*. Specifically, *Miller* also fails to teach or suggest the step of "assigning an access code to

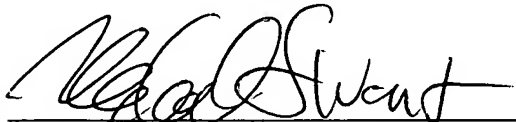
a subscriber by which the subscriber is allowed to get access to services or to service management via the Internet; and encapsulating said access code into a data message;" and that "the assigning step and the encapsulating step are performed in a Service Management Access Point" or "an access granting means for assigning an access code to a subscriber by which the subscriber is allowed to get access to services or to service management via the Internet ... wherein the services management device is a Service Management Access Point," as set forth in amended independent claims 1 and 7, respectively. Accordingly, independent claims 1 and 7 are patentable over the combination of *Flodén, Olsson and Miller*, and a notice to that effect is earnestly solicited.

Based on the patentability of amended independent claims 1 and 7, for the reasons set forth above, dependent claims 2-6, and 8-21 are also patentable.

Applicants respectfully submit that this application is in condition for allowance, and such action is respectfully requested.

Respectfully submitted,

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